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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/530,175	04/04/2005	Giuseppe Vassena	P70491US0	5551
136 7590 02/26/2007 JACOBSON HOLMAN PLLC 400 SEVENTH STREET N.W. SUITE 600 WASHINGTON, DC 20004			EXAMINER CRANE, DANIEL C	
			ART UNIT 3725	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		02/26/2007	PAPER	

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

## Office Action Summary

Application No.

10/530,175

Applicant(s)

VASSENA, GIUSEPPE

Examiner

Daniel C. Crane

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 11 January 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 1/11/2007.
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- ☐ Notice of Informal Patent Application
- ☐ Other: \_\_\_\_\_.

## **REJECTION OF CLAIMS OVER PRIOR ART**

Claims 1-3 are rejected under 35 U.S.C. 102(b) as being anticipated by Wienhold (EP 0 013 012). See Figure 2 where the drawing equipment is shown to have a sleeve (unlabeled) with an extension 15, each having a cylindrical hole, and a threading die 16. The threading die 16 has a conical hole that receives the extension 15. The sleeve and extension 15 are received in a support casing 14 and the threading die 16 includes a second annular projection 12 that extends into a first annular projection of the support casing 14. As shown in the Figure, the second annular projection 12 is threaded into the first annular projection of casing 14, such being capable of being manually performed. As to claim 2, note that the second projection includes the cylindrical member 13 that has a washer/seal (unlabeled) at an axial end of the member 13 that engages a "part" of the first projection of the support casing 14. Since the interior, particularly the conical interior, of the extension 15, is remote from passages 22, any water or fluid that may be fed through the passages, would be "isolated" from the extension that is inserted in the conical portion of the threading die.

Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wienhold (EP 0 013 012) in view of Simons (2,088,040). Wienhold does not show a tank at the output end of the drawing die. However, such a provision is well known in the art as evidenced by Simons at 1 where the dies D and 5b are positioned within a tank that surrounds the dies so that fluid can be fed around the dies through fluid passages 2 and 3, such facilitating the cooling of the dies during the drawing operation. It would have been obvious to the skilled artisan at the time of the

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invention to have modified Wienhold's equipment by further providing a "tank" around the dies with inlets 2 and outlets 3 as taught by Simons for the above noted motivation.

## **RESPONSE TO APPLICANT'S COMMENTS**

Applicant's response has been carefully considered, however, applicant's comments are moot in light of the new grounds of rejection such being necessitated by applicant's amendment. In further response to applicant's comments, it is noted that Wienhold shows that the support casing 14 and the threading die 12 are each provided with a projection with the projections depicted as having threaded connections. In light of this showing, it is clearly evident that the threading operation involves a manual manipulation of the components, thus, meeting the claimed provision of a "manual pressure mounting".

## **FINAL OFFICE ACTION**

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be

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calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

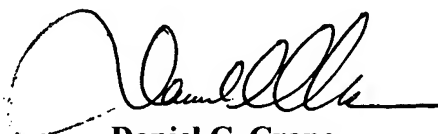
## INQUIRIES

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner D. Crane whose telephone number is **(571) 272-4516**. The examiner's office hours are 7:00AM-3:30PM, Monday through Friday. The examiner's supervisor, Mr. Derris Banks, can be reached at (571)-272-4419.

Documents related to the instant application may be submitted by facsimile transmission at all times to Fax number **(571) 273-8300**. Applicant(s) is(are) reminded to clearly mark any transmission as "DRAFT" if it is not to be considered as an official response. The Examiner's Fax number is **(571) 273-4516**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DCCrane  
February 20, 2007



**Daniel C. Crane**  
Primary Patent Examiner  
Group Art Unit 3725